

WHAT IS CLAIMED IS:

1 1. An information handling system comprising:
 2 a housing having an interior, an exterior, an opening and one or more coupling
 3 points;
 4 plural processing components disposed in the housing and operable to process /
 5 information;
 6 a lid sized to cover the opening, the lid having a latch catch, couplings aligned
 7 to engage the coupling points, and a lid removal protrusion extending
 8 into the housing;
 9 a latch coupled to the housing and aligned to engage the latch catch to secure
 10 the lid to the housing; and
 11 an actuator coupled to the housing and accessible to the housing exterior, the
 12 actuator aligned to disengage the latch catch from the latch and to
 13 provide a lid removing force to the lid removal protrusion.

1 2. The information handling system of Claim 1 wherein the actuator
 2 comprises a cam rotationally coupled to the housing, the cam having a latch push
 3 operable to push the latch to a disengaged position upon initiation of rotation and an
 4 inclined surface operable to push the lid from the housing.

1 3. The information handling system of Claim 2 wherein the lid couplings
 2 comprise hooks and the housing coupling points comprise slots, the hooks operable to
 3 engage the slots by sliding the lid relative to the housing, the latch securing the lid to
 4 the housing by engaging the latch catch to prevent sliding of the lid relative to the
 5 housing.

1 4. The information handling system of Claim 3 wherein the cam surface
 2 inclines so that rotation of the cam slides the lid relative to the housing to release the
 3 hooks from engagement with the slots.

1 5. The information handling system of Claim 4 wherein the hooks release
 2 from the slots with approximately ninety degrees rotation of the cam.

1 6. The information handling system of Claim 5 further comprising a
2 spring coupled to the housing and the cam, the spring operable to bias the cam to a
3 position that allows the latch to engage the latch catch.

1 7. The information handling system of Claim 6 further comprising a
2 spring coupled to the housing and the latch, the spring operable to bias the latch to
3 engage the latch catch.

1 8. A system for removing an information handling system lid from a
2 secured position on an information handling system housing to an unsecured position,
3 the system comprising:

4 a latch operable to couple to the housing and movable between a closed
5 position that engages a latch catch of the lid to secure the lid to the
6 housing and an open position that disengages the latch catch of the lid
7 to release the lid from the housing; and
8 an actuator operable to move from a lid-secured position to a lid-unsecured
9 position, the actuator having first and second surfaces, the first surface
10 aligned to move the latch from the closed position to the open position
11 upon initial movement of the actuator from the lid-secured to the lid
12 unsecured position, the second surface aligned to push the lid from the
13 secured position upon subsequent movement of the actuator to the lid-
14 unsecured position.

1 9. The system of Claim 8 wherein the latch comprises a member operable
2 to selectively block sliding movement of a post extending from the lid.

1 10. The system of Claim 9 wherein the member has a blocking surface that
2 engages the post and an opposing surface having an incline operable to translate a
3 sliding force applied by the post to move the latch to an open position to insert the
4 post in the latch.

1 11. The system of Claim 8 wherein:
 2 the actuator is further operable to rotationally couple to the housing and rotate
 3 from a closed position to an open position;
 4 the first surface comprises a latch push disposed to push the latch to an open
 5 position upon initiation of rotation and hold the latch in the open
 6 position as rotation continues; and
 7 the second surface comprises a cam disposed to engage the lid after initiation
 8 of rotation, the cam pushing the lid an increasing distance as the
 9 rotation continues.

1 12. The system of Claim 11 further comprising:
 2 a post extending from the lid aligned to engage the cam;
 3 hooks extending from the lid; and
 4 coupling points formed in the housing, the coupling points aligned to accept
 5 the hooks in a sliding engagement.

1 13. The system of Claim 11 further comprising one or more springs
 2 disposed to bias the actuator to a lid-secured position.

1 14. The system of Claim 13 further comprising one or more springs
 2 disposed to bias the latch to a closed position.

1 15. A method for removing an information handling system lid from an
 2 associated housing, the method comprising:
 3 moving an actuator from a secured position to an unsecured position;
 4 contacting with initial actuator movement from the secured position a release
 5 that frees the lid from the housing;
 6 pushing by subsequent actuator movement the lid from the housing.

1 16. The method of Claim 15 wherein moving an actuator further comprises
 2 rotating a handle external to the housing that translates rotational force internal to the
 3 housing to release and move the lid.

1 17. The method of Claim 16 wherein contacting with initial actuator
2 movement further comprises:
3 rotating a latch over a cylinder to an open position that frees a lid post from a
4 latch catch; and
5 maintaining the latch in the open position against the cylinder as the cylinder
6 rotates.

1 18. The method of Claim 17 wherein pushing by subsequent actuator
2 movement further comprises pushing the lid post out of the latch catch.

1 19. The method of Claim 16 wherein pushing by subsequent actuator
2 movement further comprises:
3 engaging an inclined cam surface with the lid; and
4 pushing the lid an increasing distance as the inclined cam surface rotates.

1 20. The method of Claim 19 wherein pushing the lid further comprises
2 moving the lid enough distance to free lid hooks from housing slots.